

5' G CGG TGG TGA CTG AGC TAC GAG CCT GGC GGC GGG TGT GCG CCG AGC CCC GGC

CCG GCC CGG CCC TCG CGT GCC TCC CAG GCT CCG CAC CCC TGA TGC TGC GCG GGT

GCT GAG CCC GCT TCG GCC GGG ACG ATG GTG AAG TAT TTC CTG GGC CAG AGC GTG

M V K Y F L G Q S V

CTC CGG AGT TCC TGG GAC CAA GTG TTC GCC GCC TTC TGG CAG CGG TAC CCG AAT

L R S S W D Q V F A A F W Q R Y P N

CCC TAT AGC AAA CAT GTC TTG ACG GAA GAC ATA GTA CAC CGG GAG GTG ACC CCT

P Y S K H V L T E D I V H R E V T P

GAC CAG AAA CTG CTG TCC CGG CGA CTC CTG ACC AAG ACC AAC AGG ATG CCA CGC

D Q K L L S R R L L T K T N R M P R

TGG GCC GAG CGA CTA TTT CCT GCC AAT GTT GCT CAC TCG GTG TAC GTC CTG GAG

W A E R L F P A N V A H S V Y V L E

GAC TCT ATT GTG GAC CCA CAG AAT CAG ACC ATG ACT ACC TTC ACC TGG AAC ATC

D S I V D P Q N Q T M T T F T W N I

AAC CAC GCC CGG CTG ATG GTG GTG GAG GAA CGA TGT GTT TAC TGT GTG AAC TCT

N H A R L M V V E E R C V Y C V N S

GAC AAC AGT GGC TGG ACT GAA ATC CGC CGG GAA GCC TGG GTC TCC TCT AGC TTA

D N S G W T E I R R E A W V S S S L

TTT GGT GTC TCC AGA GCT GTC CAG GAA TTT GGT CTT GCC CGG TTC AAA AGC AAC

F G V S R A V Q E F G L A R F K S N

GTG ACC AAG ACT ATG AAG GGT TTT GAA TAT ATC TTG GCT AAG CTG CAA GGC GAG

V T K T M K G F E Y I L A K L Q G E

GCC CCT TCC AAA ACA CTT GTT GAG ACA GCC AAG GAA GCC AAG GAG AAG GCA AAG

A P S K T L V E T A K E A K E K A K

FIGURE 1A

		711			720			729		738		747		756			
GAG	ACG	GCA	CTG	GCA	GCT	ACA	GAG	AAG	GCC	AAG	GAC	CTC	GCC	AGC	AAG	GCG	GCC
E	T	A	L	A	A	T	E	K	A	K	D	L	A	S	K	A	A
		765			774			783		792		801		810			
ACC	AAG	AAG	CAG	CAG	CAG	CAG	CAA	CAG	TTT	GTG	TAG	CCA	GTC	TAC	CAC	CAC	CAC
T	K	K	Q	Q	Q	Q	Q	Q	F	V							
		819			828			837		846		855					
AGC	ACC	CCA	GAC	AGC	TAG	GCT	TAG	CCC	CTC	TGC	CCT	CCC	TTC	ATT	GTA	CT	3'

FIGURE 1B

1	MV	KY	FL	GQ	SV	LR	SS	WD	QV	FA	AF	WQ	RY	PN	PY	SK	HL	TE	DI	V	2344864
1	MG	KY	CA	SL	GV	LG	VP	WD	QV	FA	AF	WQ	RY	PN	PY	SK	HL	TE	DI	V	GI 969170
41	HRE	VT	PD	QK	LL	SR	RL	LT	KT	NR	MP	RW	AE	RL	FP	AN	VA	HS	VY	V	2344864
41	HRE	VT	AD	HK	LL	SR	RL	LT	KT	NR	MP	RW	AE	RL	FP	AN	VA	HN	VY	I	GI 969170
81	LE	DS	IV	DP	QN	QT	MT	TF	TW	NN	IN	HA	RL	MA	VE	ER	CV	YV	CN	SD	N
81	VE	DS	IV	DP	KN	RT	MT	TF	TW	NN	IN	HA	RL	MA	VE	ER	CV	YV	RN	PN	EN
121	SG	WT	EI	RR	EA	WV	SS	SL	FG	VS	RA	VQ	EF	GL	AR	FK	SN	VT	KT	TK	
121	SW	TE	VK	RE	AW	VV	SS	SL	FG	VS	RA	VQ	EF	GL	AR	FK	SN	VT	KT	TK	
161	GF	EY	IL	AK	LQ	GE	AP	SK	TL	VE	TA	KE	AK	KE	TA	LA	AA	TE	KA		
161	GF	EY	VL	AR	MQ	GE	AP	SK	TL	VE	TA	KE	AK	KE	TA	LA	AA	TE	KA		
201	KD	LA	SK	AA	T	K	K	Q	Q	Q	Q	Q	F	V							
201	KD	LA	SK	AA	T	K	K	Q	Q	Q	Q	Q	F	V							

FIGURE 2

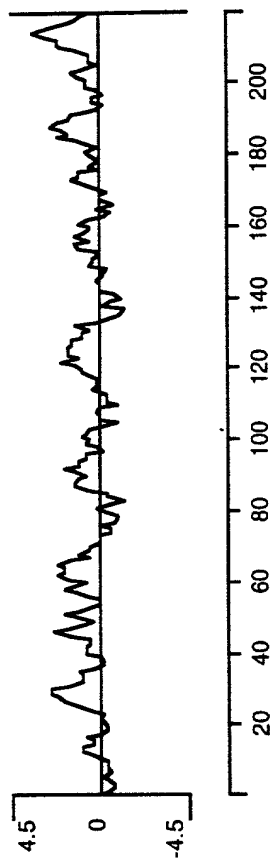


FIGURE 3A

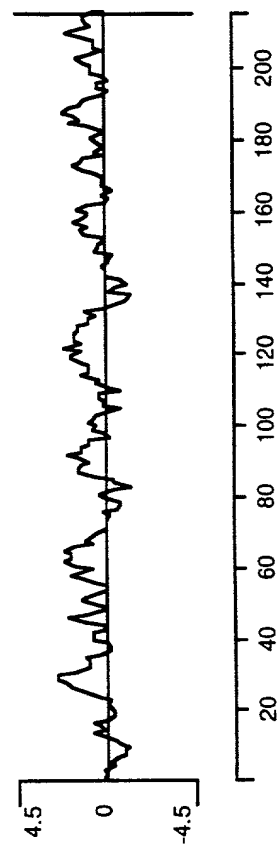


FIGURE 3B